CLAIMS

Following claims are presented for examination as indicated.

SUB. B37

1 (Original). A method for calculating a measure, said method comprising:

receiving a request to calculated a measure, said measure associated with one or more requested levels;

determining at least one allocated level for the measure;

selecting a first star from a first stargroup associated with the measure, wherein the first star supports the at least one allocation level for the measure; and

selecting a second star from a second stargroup associated with a control measure, wherein the second star supports the one or more requested levels.

2 (Original). The method of claim 1, wherein determining at least one allocated level further comprises:

comparing the requested levels to a lowest level star in the first stargroup; and

selecting for each requested level, a minimum of the requested level and a corresponding one of one or more dimension levels associated with the star.

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3 (Original). The method of claim 1, further comprising:

calculating the measure for the allocated levels; and

calculating the control measure for the requested levels.

4 (Original). The method of claim 1, wherein determining the allocated levels further comprises:

determining the allocated levels wherein no star exists which supports the measure at the requested levels.

5 (Original). The method of claim 1, wherein the control measure is a predetermined measure associated with the measure.

6 (Original). A computer readable medium for storing a plurality of instructions for calculating a measure, said plurality of instructions comprising:

receiving a request to calculated a measure, said measure associated with one or more requested levels;

determining at least one allocated level for the measure;

selecting a first star from a first stargroup associated with the measure, wherein the first star supports the at least one allocation level for the measure; and

selecting a second star from a second stargroup associated with a control measure, wherein the second star supports the one or more requested levels.

7 (Original). The computer readable medium of claim 6, wherein the plurality of instructions comprising determining at least one allocated level further comprises:

comparing the requested levels to a lowest level star in the first stargroup; and

selecting for each requested level, a minimum of the requested level and a corresponding one of one or more dimension levels associated with the star.

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8 (Original). The computer readable medium of claim 6, wherein the plurality of instructions further comprises:

calculating the measure for the allocated levels; and

calculating the control measure for the requested levels.

9 (Original). The computer readable medium of claim 6, wherein the plurality of instructions comprising determining the allocated levels further comprises:

determining the allocated levels wherein no star exists which supports the measure at the requested levels.

10 (Original). The computer readable medium of claim 6, wherein the control measure is a predetermined measure associated with the measure.

ABSTRACT

Please amend the abstract as follows:

~~Disclosed~~ Described is a system, method, and apparatus for calculating metrics by using hierarchical level metadata to describe the various structures within the database. The hierarchical level metadata permit calculation of complex metrics by an analytical server which would otherwise be difficult or impossible. As a result of the way that the analytical server calculates the metrics, slicing and drilling are supported. Additionally, dimension and fact level security are also supported.